

GenCore version 4.5  
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## OM protein - protein search, using sw model

Run on: January 7, 2002, 15:41:57 ; Search time 90.83 Seconds

(Without alignments)  
11,892 Million cell updates/sec

Title: US-08-569-749-10

Sequence: 1 PEOIASAGFYVGNSDVYK.....CMESGDDPWVQIAKWPCE 48

Scoring table: BIOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 08

Maximum Match 1008

Listing first 45 summaries

## Database :

Issued Patents AA:\*  
1: /cgn2\_6/ptodata/2/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/ptodata/2/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/ptodata/2/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/ptodata/2/1aa/PCTUS.COMB.pep:\*  
6: /cgn2\_6/ptodata/2/1aa/backfilest1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	294	100.0	48	4	US-08-569-749-10
2	294	100.0	48	5	PCT-US96-12860-10
3	294	100.0	68	2	US-08-511-485-26
4	294	100.0	604	2	US-08-511-485-6
5	294	100.0	604	3	US-09-212-971-6
6	294	100.0	604	4	US-08-800-929A-6
7	294	100.0	604	4	US-08-569-749-4
8	294	100.0	604	4	US-09-617-053A-6
9	294	100.0	604	5	PCT-US96-12860-4
10	282	95.9	48	4	US-08-569-749-9
11	282	95.9	48	5	PCT-US96-12860-9
12	282	95.9	438	5	PCT-US95-05922A-2
13	282	95.9	618	4	US-08-569-749-2
14	282	95.9	618	5	PCT-US96-12860-2
15	270	91.8	68	2	US-08-511-485-27
16	270	91.8	618	2	US-08-511-485-8
17	270	91.8	618	3	US-09-212-971-8
18	270	91.8	618	4	US-08-800-929A-8
19	269	91.5	600	3	US-09-617-053A-8
20	269	91.5	600	4	US-09-212-971-12
21	269	91.5	600	4	US-08-800-929A-12
22	269	91.5	600	4	US-09-617-053A-12
23	269	91.5	612	3	US-09-212-971-14
24	269	91.5	612	4	US-08-800-929A-14
25	269	91.5	612	4	US-08-569-749-14
26	269	91.5	612	4	US-09-617-053A-14
27	269	91.5	612	5	PCT-US96-12860-14

28	242	82.3	50	4	US-08-975-080-30	Sequence 30, Appl
29	218	74.1	50	4	US-08-975-080-31	Sequence 31, Appl
30	217	73.8	50	4	US-08-975-080-22	Sequence 22, Appl
31	200	68.0	68	2	US-08-511-485-28	Sequence 28, Appl
32	200	68.0	268	3	US-08-836-134-22	Sequence 22, Appl
33	185	62.9	68	2	US-08-511-485-29	Sequence 29, Appl
34	185	62.9	275	2	US-08-511-485-12	Sequence 12, Appl
35	185	62.9	275	3	US-08-836-134-21	Sequence 21, Appl
36	184	62.6	50	4	US-08-975-080-21	Sequence 21, Appl
37	177	60.2	66	2	US-08-511-485-25	Sequence 25, Appl
38	177	60.2	497	2	US-08-511-485-4	Sequence 4, Appl1
39	177	60.2	497	3	US-09-212-971-4	Sequence 4, Appl1
40	177	60.2	497	4	US-08-800-929A-4	Sequence 4, Appl1
41	177	60.2	497	4	US-09-617-053A-4	Sequence 4, Appl1
42	173	58.8	236	4	US-09-121-979-4	Sequence 4, Appl1
43	173	58.8	236	4	US-09-332-319-4	Sequence 4, Appl1
44	173	58.8	1151	3	US-08-836-134-23	Sequence 23, Appl
45	173	58.8	1232	3	US-08-836-134-2	Sequence 2, Appl1

## ALIGNMENTS

RESULT 1  
US-08-569-749-10  
Sequence 10, Application US/08569749  
Patent No. 6187557  
GENERAL INFORMATION:  
APPLICANT: Roche, Mike  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/569,749  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J.  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-62464/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)781-1989  
TELEFAX: (415)398-3249  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 48 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-569-749-10

Query Match 100.0% Score 294; DB 4; Length 48;

Best local Similarity 100.0% Pred. No. 2.8e-30; Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PEOIASAGFYVGNSDVYKFCFCGGLRCMESGDDPWVQIAKWPCE 48  
DB 1 PEOIASAGFYVGNSDVYKFCFCGGLRCMESGDDPWVQIAKWPCE 48

RESULT 2  
PCT-US96-12860-10  
; Sequence 10, Application PC/TUS9612860  
; GENERAL INFORMATION:  
; APPLICANT: TULARIK, INC.  
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBERTSON & HERBERT  
; STREET: 4 Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/12860  
; FILING DATE: 06 AUG 1996  
; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brezner, David J.  
; REGISTRATION NUMBER: 24,774  
; REFERENCE/DOCKET NUMBER: A-62464/DJB  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415)781-1989  
; TELEFAX: (415)398-3249  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 48 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; PCT-US96-12860-10

Query Match 100.0%; Score 294; DB 5; Length 48;  
Best Local Similarity 100.0%; Pred. No. 2,8e-30;  
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSSDDVKGCCDGLRCWESGDDPWWQHAKEPRCE 48  
Db 1 PEOLASAGFYVGNSSDDVKGCCDGLRCWESGDDPWWQHAKEPRCE 48

RESULT 3  
US-08-511-485-26  
; Sequence 26, Application US/08511485  
; Patent No. 5919912  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: Mackenzie, Alexander E.  
; TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,  
; TITLE OF INVENTION: PROBES, AND DETECTION METHODS  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/511,485  
; FILING DATE: 04-AUG-1995  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Clark, Paul T.  
; REGISTRATION NUMBER: 30,162  
; REFERENCE/DOCKET NUMBER: 07540/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELEFAX: 617/542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 68 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: both  
; MOLECULE TYPE: protein  
; US-08-511-485-26

Query Match 100.0%; Score 294; DB 2; Length 68;  
Best Local Similarity 100.0%; Pred. No. 4.1e-30;  
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSSDDVKGCCDGLRCWESGDDPWWQHAKEPRCE 48  
Db 19 PEOLASAGFYVGNSSDDVKGCCDGLRCWESGDDPWWQHAKEPRCE 66

RESULT 4  
US-08-511-485-6  
; Sequence 6, Application US/08511485  
; Patent No. 5919912  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: Mackenzie, Alexander E.  
; TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,  
; TITLE OF INVENTION: PROBES, AND DETECTION METHODS  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/511,485  
; FILING DATE: 04-AUG-1995  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Clark, Paul T.  
; REGISTRATION NUMBER: 30,162  
; REFERENCE/DOCKET NUMBER: 07540/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELEFAX: 617/542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 604 amino acids  
; TYPE: amino acid

STRANDEDNESS: not relevant  
TOPOLOGY: both  
MOLECULE TYPE: protein  
US-08-511-485-6

Query Match 100.0%; Score 294; DB 2; Length 604;  
Best Local Similarity 100.0%; Pred. No. 4,5e-29;  
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPMVQHAKEPPE 48  
Db 273 PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPMVQHAKEPPE 320

RESULT 5  
US-09-212-971-6  
Sequence 6, Application US/09212971B  
Patent No. 6107041  
GENERAL INFORMATION:  
APPLICANT: Korneluk, Robert G  
APPLICANT: Mackenzie, Alexander E  
APPLICANT: Liston, Peter  
APPLICANT: Baird, Stephen  
APPLICANT: Tsang, Benjamin K  
APPLICANT: Pratt, Christine  
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND  
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 07891/009002  
CURRENT APPLICATION NUMBER: US/09/212,971B  
CURRENT FILING DATE: 1998-12-16  
EARLIER APPLICATION NUMBER: 60/017,354  
EARLIER FILING DATE: 1996-04-26  
EARLIER APPLICATION NUMBER: 60/030,590  
EARLIER FILING DATE: 1996-11-14  
EARLIER APPLICATION NUMBER: 08/800,929  
EARLIER FILING DATE: 1997-02-13  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO: 6  
LENGTH: 604  
TYPE: PRP  
ORGANISM: Homo sapiens  
US-09-212-971-6

Query Match 100.0%; Score 294; DB 3; Length 604;  
Best Local Similarity 100.0%; Pred. No. 4,5e-29;  
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPMVQHAKEPPE 48  
Db 273 PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPMVQHAKEPPE 320

RESULT 6  
US-08-800-929A-6  
Sequence 6, Application US/08800929A  
Patent No. 6133437  
GENERAL INFORMATION:  
APPLICANT: Korneluk, Robert G  
APPLICANT: Mackenzie, Alexander E  
APPLICANT: Liston, Peter  
APPLICANT: Baird, Stephen  
APPLICANT: Tsang, Benjamin K  
APPLICANT: Pratt, Christine  
TITLE OF INVENTION: DETECTION AND MODULATION OF  
TITLE OF INVENTION: IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP

STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/800,929A  
FILING DATE: 13-FEB-1997  
CLASSIFICATION: 424

Prior Application DATA:  
APPLICATION NUMBER: 60/030,590  
FILING DATE: 14-NOV-1996  
APPLICATION NUMBER: 60/017,354  
FILING DATE: 26-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Bleker-Brady, Kristina  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER: 07891/009001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 604 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-800-929A-6

Query Match 100.0%; Score 294; DB 4; Length 604;  
Best Local Similarity 100.0%; Pred. No. 4,5e-29;  
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPMVQHAKEPPE 48  
Db 273 PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPMVQHAKEPPE 320

RESULT 7  
US-08-569-749-4  
Sequence 4, Application US/08569749  
Patent No. 6187557  
GENERAL INFORMATION:  
APPLICANT: Rothe, Mike  
APPLICANT: Goeddel, David V  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/569,749  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Breznaf, David J.

```

? REGISTRATION NUMBER: 24,774
? REFERENCE/DOCKNET NUMBER: A-62464/DJIE
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415)781-1989
? FAX: (415)398-3249
? INFORMATION FOR SEO ID NO.: 4:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 604 amino acids
? TYPE: amino acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: protein
US-08-569-749-4

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Query Match	100.0%	Score 294	DB 4	Length 604
Best Local Similarity	100.0%	Pred. No. 4.5e-29		
Matches 48; Conservative	0	Mismatches 0	Indels 0	Gaps 0

[illegible]

```

RESULT      8
US-09-617-053A-6
: Sequence 6, Application US/09617053A
: Patient No. 6300492
: GENERAL INFORMATION:
: APPLICANT: Korneiluk, Robert G
: APPLICANT: Mackenzie, Alexander E
: APPLICANT: Liston, Peter
: APPLICANT: Baird, Stephen
: APPLICANT: Tsang, Benjamin K
: APPLICANT: Pratt, Christine
: TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
: TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
: TITLE OF INVENTION: DISEASE
: FILE REFERENCE: 07891/009003
: CURRENT APPLICATION NUMBER: US/09/617,053A
: CURRENT FILING DATE: 2000-07-14
: PRIOR APPLICATION NUMBER: US 08/800,929
: PRIOR FILING DATE: 1997-02-13
: NUMBER OF SEQ ID NOS: 17
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 6
: LENGTH: 604
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-617-053A-6

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Query Match	100.0%;	Score 294;	DB 4;	Length 604;
Best Local Similarity	100.0%;	Pred. No. 4.5e-29;		
Matches 48;	conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

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Oy      1 PEGLASAGFYVVGNSDDVKCFCCDGLRCWESGDDPWQHAKEFPRCE    48
          |||||
Db     273 PEQLASAGFYVVGNSDDVKCFCCDGLRCWESGDDPWQHAKEFPRCE    320
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RESULT 9  
PCT-US96-12860-4  
Sequence 4, Application PC/TUS9612860  
GENERAL INFORMATION:  
APPLICANT: TULARIK, INC.  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERICH  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California

COUNTRY: USA  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/12860  
 FILING DATE: 06 AUG 1996  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/566,749  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brezner, David J  
 REGISTRATION NUMBER: 24,774  
 REFERENCE/DOCKET NUMBER: A-62464/DJB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415)781-1989  
 TELEFAX: (415)398-3249  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 604 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 PCT-US96-12860-4

Query Match	100.0%;	Score 294;	DB 5;	Length 604;
Best Local Similarity	100.0%;	Pred. No. 4.5e-29;		
Matches	48;	Conservative	0;	Indels 0;
		Mismatches	0;	Gaps

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OY      1 PEQLASAGFYVVGNSDDVKCFCCDGGLRKMGSGDDPWQHAKEP RCE    48  
         |||||  
Db     273 PEQLASAGFYVVGNSDDVKCFCCDGGLRKMGSGDDPWQHAKEP RCE    322
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RESULT 10  
 US-08-569-749-9  
 Sequence 9, Application US/08569749  
 Patent No. 6187557  
 GENERAL INFORMATION:  
 APPLICANT: Rothe, Mike  
 APPLICANT: Goeddel, David V  
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBER  
 STREET: 4 Embarcadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/569,749  
 FILING DATE:  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brezner, David J.  
 REGISTRATION NUMBER: 24,774  
 REFERENCE/DOCKET NUMBER: A-62464/DJB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415)781-1989  
 TELEFAX: (415)398-3749  
 INFORMATION FOR SEQ ID NO: 9:

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:      SEQUENCE CHARACTERISTICS
:      LENGTH: 48 amino acids
:      TYPE: amino acid
:      STRANDEDNESS: single
:      TOPOLOGY: linear
:      MOLECULE TYPE: protein
:
US-08-569-749-9

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Query Match	95.98;	Score 282;	DB 4;	Length 48
Best Local Similarity	93.88;	Pred. No. 8.9e-29;		
Matches 45:	Conservative	2;	Mismatches	1; Indels

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QY 1 PEGLASAGFYVGNSSDDVKCFCCDGGLCRCWESGDDPVTQYHAKWPRCE 488
      ||||| : ||||| ||||| : |||||
DB 1 PEGLASAGFYVGNDDVKCFCCDGGLCRCWESGDDPWEHAKWPRCE 488
```

RESULT 11  
PCT-US96-12860-9

Sequence 9, Application PC/TUS9612860  
GENERAL INFORMATION:  
APPLICANT: TULARIK, INC.  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/12860  
FILING DATE: 06 AUG 1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J.  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-62464/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)781-1989  
TELEFAX: (415)398-3249  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 48 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-12860-9

```

Query Match          95.9%; Score 282; DB 5; Length 48;
Best Local Similarity 93.8%; Pred. No. 8, 9e-29;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0

Qy 1 PEOLASAGFYVGNSSDDVVCFCDCDGLRCWESGDDPWWQAHAKWPPRCE 48
    |||||  : |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 1 PEOLASAGFYVGNRPDDVVCFCDCDGLRCWESGDDPWWQAHAKWPPRCE 48

RESULT 12
PCT-US95-05922A-2
: Sequence 2, Application PC/TUS9505922A

```

GENERAL INFORMATION:  
APPLICANT: HE, ET AL.  
TITLE OF INVENTION: Human Inhibitor of Apoptosis Gene 1  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CARLILA, BYRNE, BAIN, GILFILLAN,  
ADDRESSEE: CECCHI, STEWART & OLSTEIN  
STREET: 6 BECKER FARM ROAD  
CITY: ROSELAND  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH DISKETTE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05922A  
FILING DATE: 11 MAY 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: FERRARO, GREGORY D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 325800-292  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 438 AMINO ACIDS  
TYPE: AMINO ACID  
STRANDEDNESS:  
TOPOLOGY: LINEAR  
MOLECULE TYPE: PROTEIN  
PCT-US95-05922A-2

Query Match	95.98;	Score 282;	DB 5;	Length 438;
Best Local Similarity	93.88;	Pred. No. 1e-27;		
Matches 45; Conservative	2;	Mismatches 1;	Indels 0;	Caps 0

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QY      1  PEOLASAGFYVGNSSDDVKCFCCDGLRCWESGDDPWVQHAKEWPRCE  48
          ||||| : ||||| ||||| ||||| : ||||| |||||
Db      107  PEGLASAGFYVGRNDVKCFCCDGLRCWESGDDPWVEHAKWPRCE  15

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RESULT 13  
US-08-569-749-2  
Sequence 2, Application US/08569749  
Patent No. 6187557  
GENERAL INFORMATION:  
APPLICANT: Rothe, Mike  
APPLICANT: Goeddel, David V  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
STREET: ELEHR, HONBACH, TEST, ALBRITTON & HERBERICH  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/569,749

FILED DATE: 514  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J.  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-62464/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)781-1989  
TELEFAX: (415)398-3249  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 618 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-569-749-2

Query Match 95.9%; Score 282; DB 4; Length 618;  
Best Local Similarity 93.8%; Pred. No. 1.5e-27;  
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PQLASAGFYVYVNSDDVKCFCCDGLRCWESGDDPWWQHAKEPPE 48  
DB 287 PQLASAGFYVYVGRNDVVKCFCCDGLRCWESGDDPWWQHAKEPPE 334

RESULT 14  
PCT-US96-12860-2  
Sequence 2, Application PC/TUS9612860  
GENERAL INFORMATION:  
APPLICANT: TULARIX, INC.  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/12860  
FILING DATE: 06 AUG 1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J.  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-62464/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)781-1989  
TELEFAX: (415)398-3249  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 618 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-12860-2

Query Match 95.9%; Score 282; DB 5; Length 618;  
Best Local Similarity 93.8%; Pred. No. 1.5e-27;

Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PQLASAGFYVYVNSDDVKCFCCDGLRCWESGDDPWWQHAKEPPE 48  
DB 287 PQLASAGFYVYVGRNDVVKCFCCDGLRCWESGDDPWWQHAKEPPE 334

RESULT 15  
US-08-511-485-27  
Sequence 27, Application US/08511485  
Patent No. 5919912  
GENERAL INFORMATION:  
APPLICANT: Korneluk, Robert G.  
APPLICANT: Mackenzie, Alexander E.  
TITLE OF INVENTION: MAMMALIAN TAP GENE FAMILY, PRIMERS,  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/511,485  
FILING DATE: 04-AUG-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 07540/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 68 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: both  
MOLECULE TYPE: protein  
US-08-511-485-27

Query Match 91.8%; Score 270; DB 2; Length 68;  
Best Local Similarity 91.7%; Pred. No. 4.2e-27;  
Matches 44; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 PQLASAGFYVYVNSDDVKCFCCDGLRCWESGDDPWWQHAKEPPE 48  
DB 19 PQLASAGFYVYVGRNDVVKCFCCDGLRCWESGDDPWWQHAKEPPE 66

Search completed: January 7, 2002, 15:41:58  
Job time: 277 sec

Tue Jan 8 08:23:22 2002

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